



DATASHEET

AEBH HOLLOW SHAFT

MOTOR SERIES	AEBH HOLLOW SHAFT	
START METHOD		DIRECT ONLINE
KW RATING		55
VOLTAGE	(V)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		2
FRAME		250S
SPEED		
SYNCHRONOUS	(rpm)	3000
FULL LOAD	(rpm)	2960
CURRENT		
FULL LOAD	(Amps)	92
LOCKED ROTOR	%	701
TORQUE		
FULL LOAD TORQUE	(Nm)	180.2
STARTING TORQUE	%	150
MINIMUM TORQUE	%	130
BREAKDOWN TORQUE	%	250
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.3868
EFFICIENCY		
100% LOAD	%	94.5
75% LOAD	%	94
50% LOAD	%	93
POWER FACTOR		
100% LOAD	%	89.5
75% LOAD	%	88
50% LOAD	%	87
INSULATION CLASS		F
ENCLOSURE TYPE		TEFC
IP RATING		55
WEIGHT OF MOTOR	kgs	520
BEARINGS		
DRIVE END		6315 C5
NON DRIVE END		7222 B
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C